

The Claims:

1. ^{Currently Amended}
~~(Not entered)~~ A receiver for code distribution multiple access transmission and parallel multiple access interference suppression, the receiver comprising:

at least one multiple access interference suppression stage ~~(ESI)~~ ESI_i constituted by K channels, each comprising a correlation means corresponding to a particular pseudorandom sequence ^{an} ~~and~~ ^{means an interference} ~~generation~~ estimation and suppression means, each stage delivering to the following stage K signals at least partly freed from multiple access interferences,

a final, decision stage (ED) constituted by K channels receiving the K signals from the K channels of the preceding suppression stage and each comprising a correlation means corresponding to one of the pseudorandom sequences and decision means delivering a data item,

^{at least one multiple access}
 means for producing synchronization signals able to control the interference suppression means ~~stages~~ and [.]

~~means for producing synchronization signals able to control the decision means of the final stage (ED), said receiver being characterized in that the means for producing the synchronization signals are constituted by K means solely placed in the K channels of the final stage (ED), the K synchronization signals produced by said K means controlling the K decision means of the K channels of the final stage (ED) and the interference estimation means of the K channels of the at least one interference suppression stages (ESI) ESI_i following appropriate time shifts.~~

2. ^{Previously Presented}
~~(Not entered)~~ Receiver according to claim 1, wherein the K synchronization signals also control the ~~K correlation means~~.

- 2
3. ~~(Not entered)~~ ^{Currently Amended} Receiver according to claim 1, wherein the K correlation means of the K channels of the final stage (ED) are constituted by K matched filters with K pseudorandom sequences and the K correlation means of the K channels of each interference suppression stage (~~ESI_i~~) ESI_i are constituted by K sliding correlators.
- ch
concl
-